

Moonlight 600TVL Box Camera



Feature:

- 1/3" Sony Super HAD II CCD, Hitachi 14bit DSP
- Super High Resolution 600TVL
- Low illumination 0.00005Lux
- Removable IR-CUT
- Full OSD operation Controlled via RS485 or OSD joystick inside
- Can always remain in color in low light conditions
- Dual Power DC12/ AC24V, or AC230V Optional

Installation:

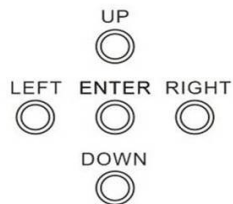
- To prevent shock or damage to the waterproof body, tighten all the screws and cover
- Adjust the visor to prevent the lens from direct sunlight
- Do not directly touch the front glass. To clean the dust, wipe with soft cloth with alcohol.
- Don't install it in the place where dithering and shake often
- Don't install it in the place where temperature is above 50°C or below -20°C
- Video line tie-in and DC tie-in must be avoided to touch water.
- If abnormal, please power off and contact the manufacturer

Note: Non-regulated power supply may cause camera damaged.

Technical Specifications:

Model No.	IV-MS1060A
Video System	NTSC/ PAL System
Sensor	1/3" Sony Super HAD II CCD Hitachi 14bit DSP
Pixel	NTSC: 768H*494V; PAL: 752H*582V
Resolution	600TVL(Color), 650TVL(B/W)
Lens	NONE
True Day & Night	COLOR,B/ W (Saturation protection Erea Select), EXT, AUTO (D/ N LEVEL;LOW/ MIDDLE/ HIGH)
Sync.	Internal
Scanning	2:1 Interlace
Signal Noise Ratio	50dB Min.
Burst Level	0.286Vp-p
ECLIPSE	DAY/ NIGHT (BLACK/ GRAY)
3D-XDNR	OFF, ON (0~20), COLOR SUPPRESSION
SBLC	OFF/ LOW/ MID/ HIGH
D-EFFECT	MIRROR (H /V /ROTATE), FREEZE
D-ZOOM	LEVEL, LIMIT
Motion Detection	ON/ OFF (4 Programmable Zone)
Privacy Mask	ON /OFF (4 Programmable Zone)
Communication	RS485, PELCO-D Protocol
Electronic Shutter	NTSC: 1/60-1/60,000S; PAL: 1/50-1/60,000S
White Balance	ATW/ MANUAL/ PUSH
Backlight Compensation	OFF, ON (ZONE ADJUSTABLE)
Auto Gain Control	Off/ On (0~20)
Gamma Correction	0.35/ 0.4/ 0.45/ 0.65/ 0.75 Selectable
Video Output	1V p-p,75Ω
Min. Illumination	0.00005Lux
Voltage Input	DC12/ AC24V
Power Current	250mA/ 120mA
Operation Temp.	-10°C~50°C
Storage Temp.	-20°C~60°C
Humidity Range	30%~80% RH
Dimension	118*64*64 mm
Net Weight	300g

External OSD Operation



Press **ENTER** to open the main menu. Please note to press key "SAVE" to operate your changes on OSD MENU before exit.
Use left or right with Enter to operate the submenu of each item listed as follows:

SETUP MENU
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
BACK LIGHT OFF
PICT ADJUST
D-WDR OFF
MOTIONDET OFF
NEXT
EXIT SAVEALL

SET UP MENU
LENS.....AUTO/MANUAL
SHUTTER/AGC.....AUTO/MANUAL
WHITEBAL.....ATW/PUSH/USER1/USER2/
ANTI CR/MANUAL/PUSH LOCK
BACKLIGHT.....OFF/BLC/HLC
PICK ADJUST
ATR.....OFF/ON
MOTION DET.....OFF/ON
NEXT
EXIT.....SAVE ALL

SETUP MENU(NEXT)
PRIVACY OFF
DAY/NIGHT Auto
2DNR
CAMERA ID OFF
SYNC INT
LANGUAGE ENGLISH
CAMERA RESET
BACK
EXIT SAVE ALL

SET UP MENU(NEXT)
PRIVACY.....OFF/ON
DAY/NIGHT.....AUTO/EXIT1/EXIT2/COLOR/B/W
Y/C Y/C/OFF
CANMERA ID.....OFF/ON
SANC.....INT
LANGUAGE.....Chinese, English , Japanese, German
French,Russian,Portuguese, Spanish.
CAMERA RESET
NEXT
EXIT.....SAVE ALL

LENS
TYPE DC
MODE AUTO
SPEED 80
RETURN

LENS(AUTO IRIS)
TYPE.....DC/VIDEO
MODE.....AUTO/OPEN/CLOSE
SPEED.....0~255
RETURN

SHUTTER/AGC.....AUTO
HIGH LUMINANCE
MODE SHUT AUTO IRIS
BRIGHTNESS 32
LOW LUMINANCE
MODE AGC
BRIGHTNESS X0.5
RETURN

SHUTTER/AGC(AUTO SET UP)
HIGH LUMINANCE
MODE.....SHUT+AUTO IRIS/AUTO IRIS
BRIGHTNESS0~255
LOW LUMINANCE
MODEAGC/OFF
BRIGHTNESS.....X0.25,X0.5,X0.75X1.0
RETURN

SHUTTER/AGC.....MANUAL
MODE SHUTTER+AGC
SHUTTER 1/50
AGC 6.0
RETURN

SHUTTER/AGC(MANUAL SET UP)
MODE.....SHUTTER+AGC
SHUTTER.....1/50(1/10000~1/50)
AGC.....6.0(6.0~44.8)
RETURN

WHITEBAL
SPEED 239
DELAY CNT 1
ATWFRAME X2.0
ENVIRNMENT IN-
DOOR
RETURN

WHITE BAL (ATW)
SPEED239(0~255)
DELAY CNT.....1(0~255)
ATW FRAME.....X2.0(X1.5,X2,X0.5,X1.0)
ENVIRONMENT.....INDOOR/OUTDOOR
RETURN

PICK ADJUST OFF
MIRROR 0
BRIGHTNESS 128
CONTRAST 128
SHARPNESS 128
HUE 128
GAIN
RETURN

PICK ADJUST
MIRROR.....OFF/ON
BRIGHTNESS.....0(0~255)
CONTRAST130(0~255)
SHARPNESS.....140(0~255)
HUE.....120(0~255)
..GAIN.....140(0~255)
RETURN

MOTIONDETOFF/ON
RETURN

When access ON,press ENTER to confirm submenu to set up the motion area and sensitivity

ATR
LUMINANCE MID
CONTRAST MID
RETURN

ATR(ON)
LUMINANCE.....LOW/MID/HIGH
CONTRAST.....LOW/MID LOW/MID
/MID HIGH/HIGH
RETURN

PRIVACY.....OFF/ON
RETURN

When access ON,press ENTER to confirm submenu to set up the privacy area

DAY/NIGHT
BURST OFF
DELAY CNT 1
DAY→NIGHT 2
NIGHT→DAY 3
RETURN

DAY/NIGHT(AUTO)
BURSTOFF/ON
DELAY CNT.....1(1~255)
DAY→NIGHT2(1~255)
NIGHT→DAY3(1~255)
RETURN

2-DNR
NRMODE Y/C
Y LEVEL 001
C LEVEL 004
RETURN

NR
NR MODE.....OFF/C/Y/YC
Y LEVEL
C LEVEL
RETURN